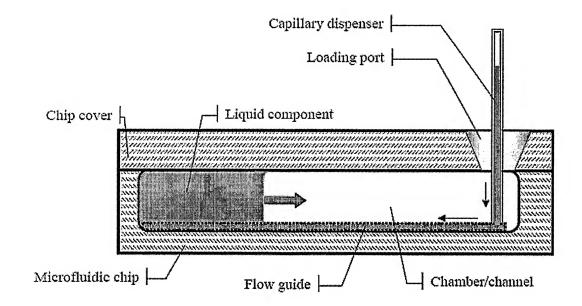
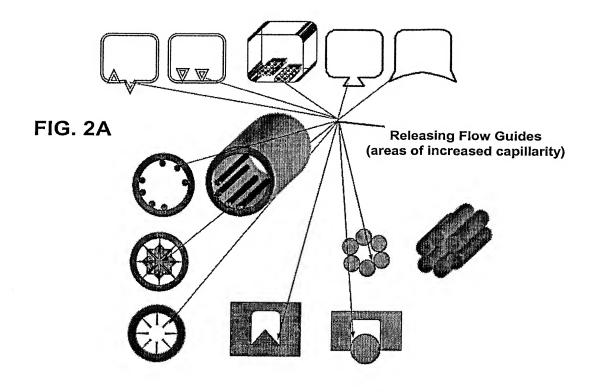
FIG. 1





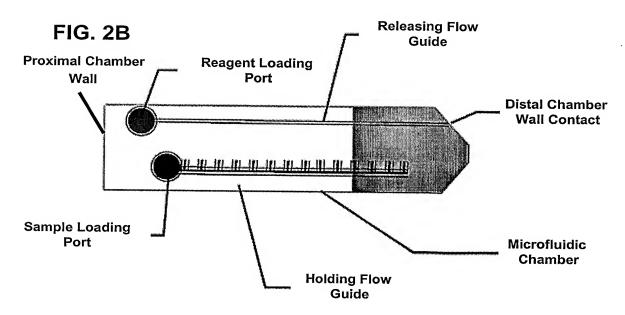


FIG. 3A-J

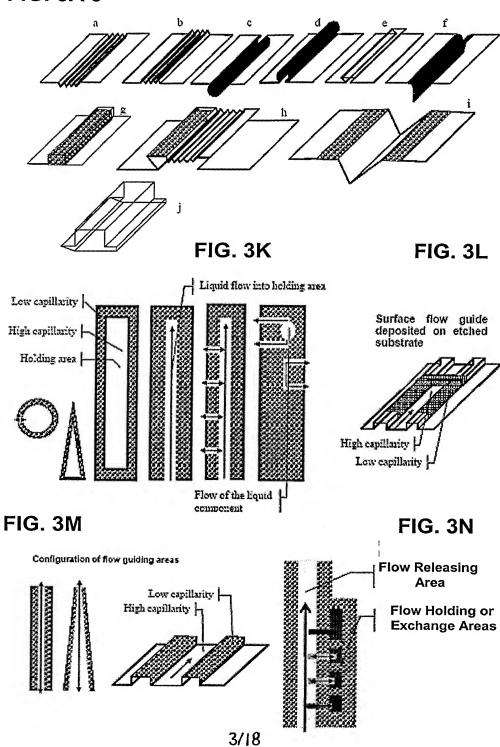
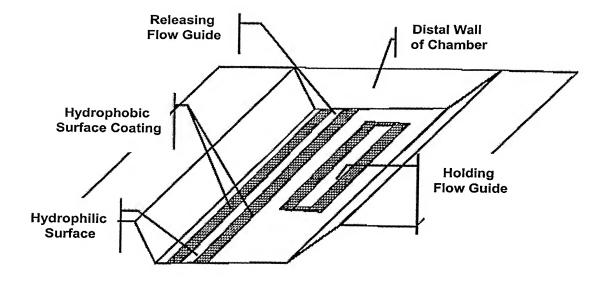


FIG. 30



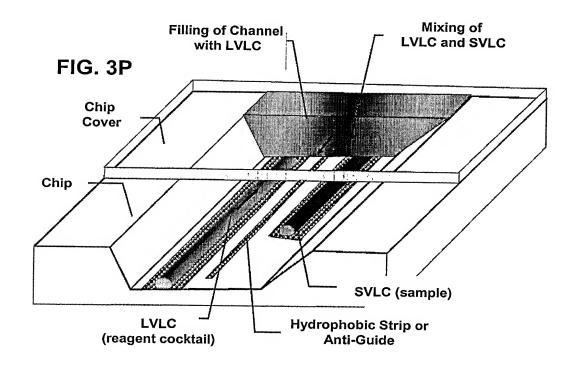


FIG. 4

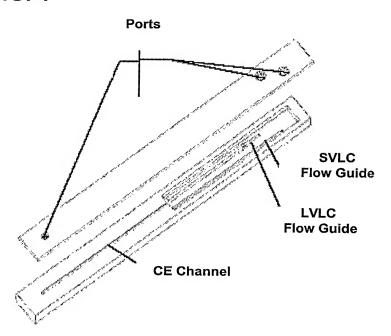


FIG. 5A

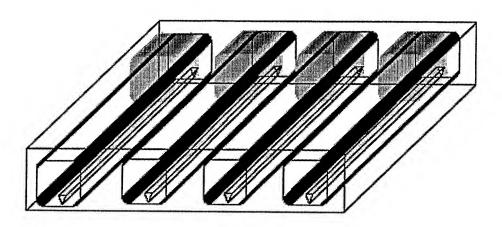


FIG. 5B

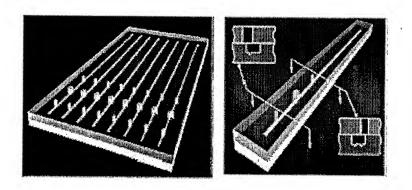
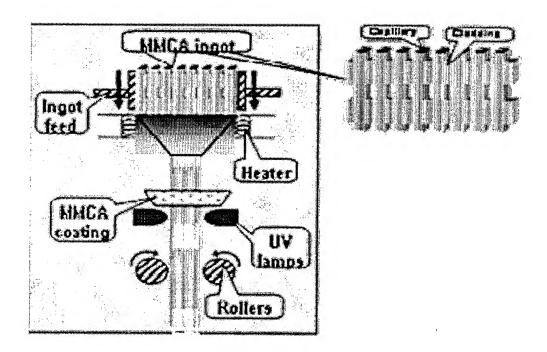


FIG. 6



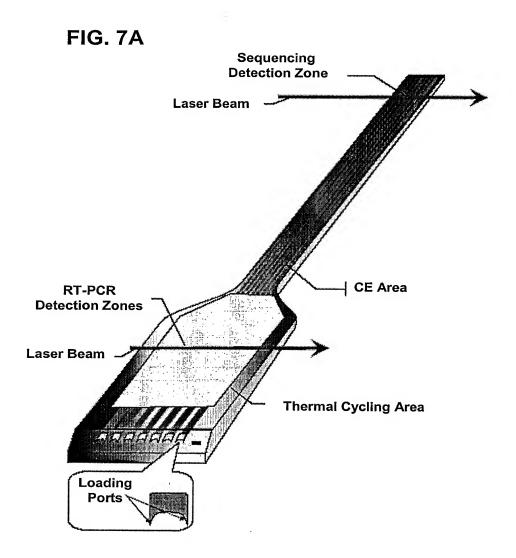


FIG. 7B

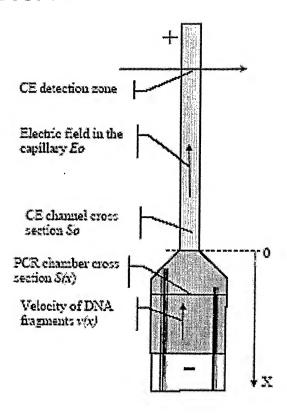


FIG. 7C

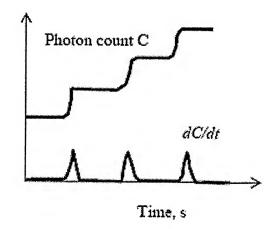


FIG. 8

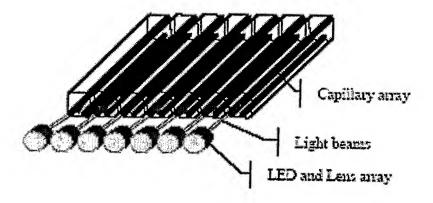


FIG. 9

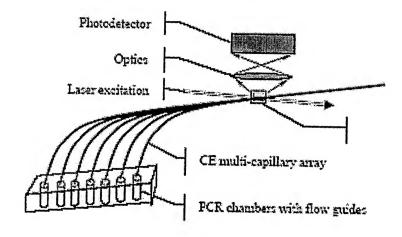


FIG. 10A

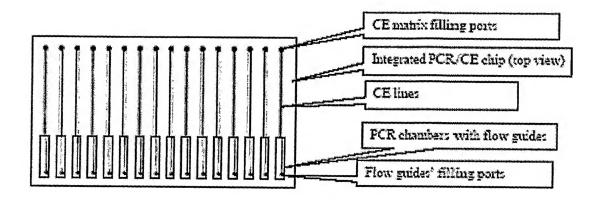


FIG. 10B

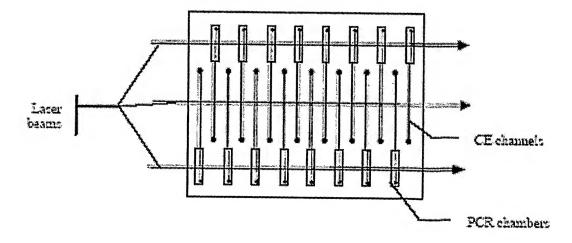


FIG. 11A

FIG. 11B

FIG. 11C

Small volume (sample) holding flow guide

Sample

Sample

Sample

Sample

Sample

Sample

Sample

Silling hole

PCR mix

FIG. 11B

FIG. 11C

FIG. 12

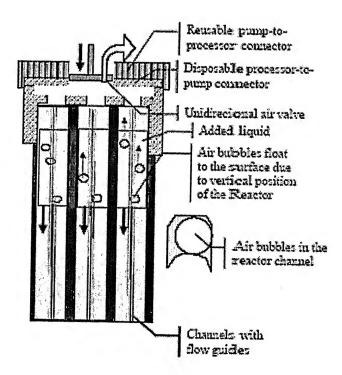


FIG. 13

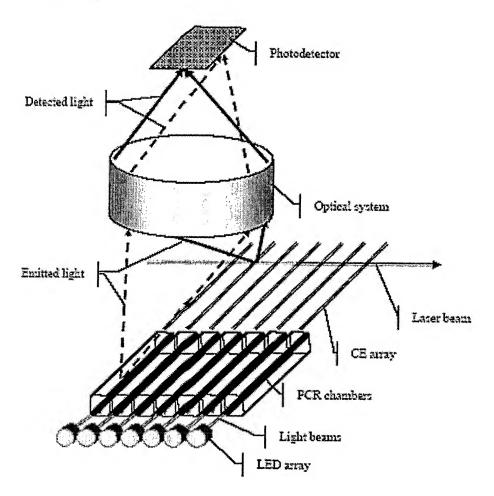


FIG. 14

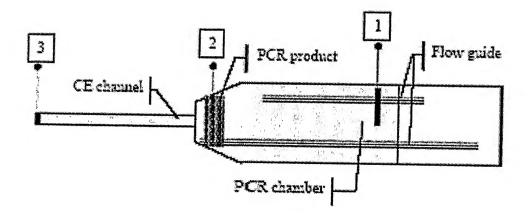


FIG. 15

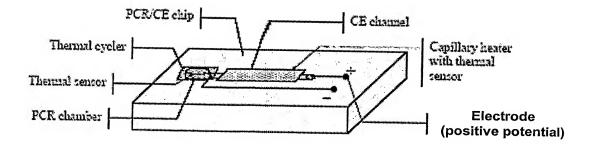


FIG. 16

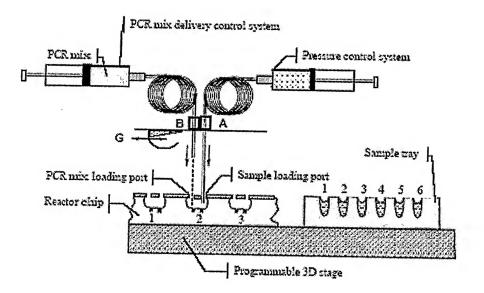


FIG. 17

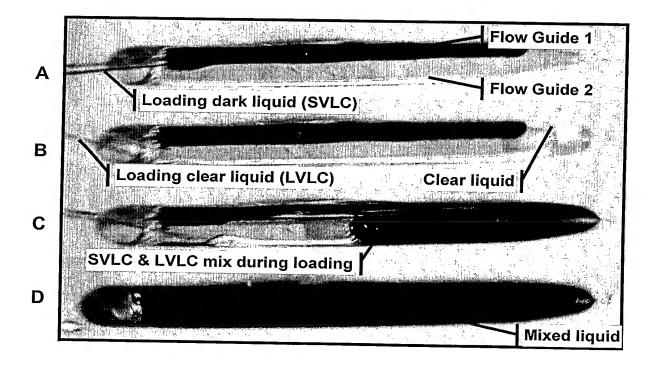


FIG. 18

